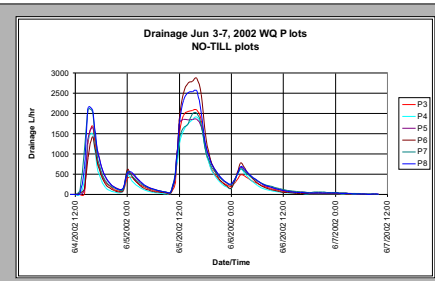
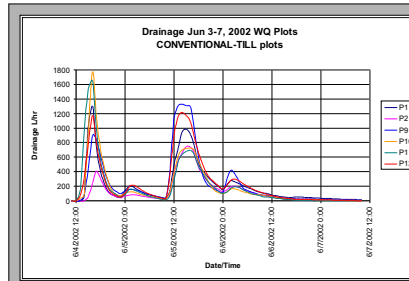
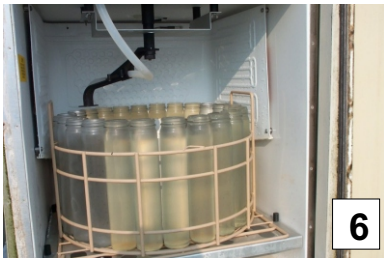
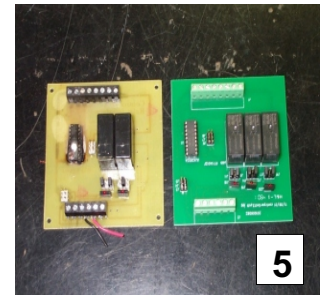


Water Quality Plots 2

Replacing what proved to be a troublesome, unreliable monitoring system with another that proved more robust, that helped salvage research, and allowed a successful transition into the new water quality project.



10

1. Plot layout with irrigation setup which allowed for water quality experiment to proceed during record drought.
2. Soil moisture recording devices were installed in all 12 plots.
3. Original data collection system had 1 datalogger for all plots.
4. New data collection system has 1 datalogger per pair of plots, less confusing, easier calibrations, and less chance of losing data on all plots.
5. Old circuit boards were redesigned and installed.
6. Automated sampler collecting drainage samples.
7. Automated sampler collecting runoff samples.
8. View of irrigation controlled runoff event
9. Water spigots were relocated to flume-end of plots to better facilitate cleaning.
10. Drainage following irrigations on June 4th and 5th, 2002.